


Focus Occupation: **Geoscientists, Except Hydrologists and Geographers (19-2042)**







Focus occupation: Geoscientists, Except Hydrologists and Geographers

Employment and Growth	514/ 7.5%
Ave. Monthly Wage	\$10,013
Education/Experience	Bachelor's degree

Advance FROM Focus Occupation

Occupation	Rung	Employment/ Growth	Education/Experience	Similarity
Architectural and Engineering Managers  (11-9041)	2	474/ 6.3%	BA/5 plus yrs	72
Petroleum Engineers (17-2171)	2	547/ 10.5%	BA	79
Physicists (19-2012)	1	n/a	PHD	85

Advance TO Focus Occupation

Occupation	Rung	Employment/ Growth	Education/Experience	Similarity
Environmental Engineers  (17-2081)	-1	308/ 8.8%	BA	79
Materials Scientists  (19-2032)	-1	n/a	BA	88
Mining and Geological Engineers, Including Mining Safety Engineers (17-2151)	-1	163/ 15.6%	BA	92
Hydrologists (19-2043)	-2	48/ 4.3%	MA	98
Chemists  (19-2031)	-3	91/ 7.1%	BA	80
Environmental Scientists and Specialists, Including Health  (19-2041)	-3	961/ 6.9%	BA	88
Geographers (19-3092)	-3	n/a	BA	98
Cartographers and Photogrammetrists (17-1021)	-4	71/ 9.2%	BA	86
Geological and Petroleum Technicians  (19-4041)	-4	939/ 8.7%	AA	95
Environmental Science and Protection Technicians, Including Health  (19-4091)	-5	333/ 6.1%	AA	70

Important note: A worker does not necessarily have to traverse every rung to advance to or from the focus occupation. Occupations above and below the focus occupation are directly related to the focus occupation, but they are not necessarily directly related to each other. For example, actors and athletes are both related to agents of artists, performers, and athletes, but actors and athletes are not directly related to each other.

Analysis and development of the career lattice is by the Alaska Department of Labor and Workforce Development, Research and Analysis Section.

Data sources used for research and analysis: O*NET (Occupation Information Network), Alaska Occupational Data Base (ODB), Standard Occupational Classification Manual, North American Industry Classification System manual, Bureau of Labor Statistics Occupational Employer Survey (OES) wage estimates.

